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## CONFIDENTIAL

The Files

15 November 1960

25X1

## New Equipment Designation

The following equipment designations were assigned on 14 November 1960.

AN-49 . . . 60 to 70 MC Antenna Systems. The AN-49 is YAGI antenna system optimized to operate in the 60-70 mc frequency range. In addition to the YAGI antennas, the system consists of a telescoping aluminum tower 52' high from which extends a mast mounted on a rotating mechanism (AC power operated). The rotating mechanism permits  $\pm 180^\circ$  remote control antenna rotation at speeds of 1 to  $1\frac{1}{2}$  rpm. The YAGI antennas may be mounted either horizontally or vertically dependent upon the type polarization desired. Three hundred feet of control lead are furnished from the antenna tower to the remote control panel equipped with 1:1 indicator and control switches for forward and reverse as well as on/off.

AN-50 . . . 94 MC and 115 MC Antenna System. This system consists of a 94 mc and 115 mc YAGI antenna mounted on a 52' telescoping aluminum tower. Both YAGI antennas may be mounted horizontally or vertically dependent upon the polarization desired. In addition, both antennas may be turned on the mast independent of each other so that they may point in different directions. No remote control is provided and the antenna positioning must be accomplished manually. A dial indicator is included on the mast for this purpose.

Approved:

Chief, Research and Development Branch

## Distribution:

Equipment Designation File  
Project File  
R+D Lab  
MSB  
SPS/EA  
EP Chrono

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OC-E/R+D-EP/RME:maj (15 Nov. 60)